

All Other Transportation Equipment Manufacturing: 2002

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2002 Economic Census

Manufacturing

Industry Series



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CONTENTS

Introduction to the Economic Census	v
Manufacturing	ix

Tables

1. Historical Statistics for the Industry: 2002 and Earlier Years ...	1
2. Industry Statistics for Selected States: 2002	2
3. Detailed Statistics by Industry: 2002	3
4. Industry Statistics by Employment Size: 2002.....	4
5. Industry Statistics by Primary Product Class Specialization: 2002	5
6a. Products Statistics: 2002 and 1997	6
6b. Product Class Shipments for Selected States: 2002 and 1997 .	--
7. Materials Consumed by Kind: 2002 and 1997.....	8

Appendixes

A. Explanation of Terms	A-1
B. NAICS Codes, Titles, and Descriptions	B-1
C. Methodology	C-1
D. Geographic Notes	--
E. Metropolitan and Micropolitan Statistical Areas	--
F. Comparability of Product Classes and Product Codes: 2002 to 1997	F-1

-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
336999, All other transportation equipment manufacturing.....	2002.. 420	431	19 888	625 522	14 636	27 545	391 857	2 664 412	4 260 293	6 958 884	'195 035
	2001.. N	N	22 488	721 085	17 018	33 692	438 354	2 369 083	4 761 495	7 156 175	151 332
	2000.. N	N	24 461	771 686	18 308	35 930	473 715	2 154 564	5 116 738	7 258 289	116 724
	1999.. N	N	21 269	643 994	15 418	29 146	369 861	1 876 813	3 766 236	5 644 854	106 263
	1998.. N	N	19 744	577 966	14 139	25 866	318 237	1 769 777	3 236 028	5 032 871	122 322
	1997.. 349	362	18 853	495 458	13 498	24 077	283 654	1 658 444	2 802 899	4 436 679	97 227

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
336999, All other transportation equipment manufacturing												
United States	—	431	91	19 888	625 522	14 636	27 545	391 857	2 664 412	4 260 293	6 958 884	'195 035
Colorado	1	9	1	136	5 310	52	103	1 698	12 411	13 344	28 708	'629
Minnesota	—	21	8	3 421	83 923	2 658	4 586	61 757	847 804	1 133 908	1 953 960	'30 068

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
336999, All other transportation equipment manufacturing	
Companies ¹	number.. 420
All establishments ²	number.. 431
Establishments with 1 to 19 employees	number.. 340
Establishments with 20 to 99 employees	number.. 52
Establishments with 100 employees or more	number.. 39
All employees ³	number.. 19 888
Total compensation	\$1,000.. 794 497
Annual payroll	\$1,000.. 625 522
Total fringe benefits	\$1,000.. 168 975
Production workers, average for year	number.. 14 636
Production workers on March 12	number.. 14 680
Production workers on May 12	number.. 14 693
Production workers on August 12	number.. 14 537
Production workers on November 12	number.. 14 596
Production worker hours	1,000.. 27 545
Production worker wages	\$1,000.. 391 857
Total cost of materials	\$1,000.. 4 260 293
Materials, parts, containers, packaging, etc., used	\$1,000.. 4 052 984
Resales	\$1,000.. 125 873
Purchased fuels	\$1,000.. 11 128
Purchased electricity	\$1,000.. 15 688
Contract work	\$1,000.. 54 620
Quantity of electricity purchased for heat and power	1,000 kWh.. 311 556
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 9 771
Total value of shipments	\$1,000.. 6 958 884
Primary products value of shipments	\$1,000.. 6 514 080
Secondary products value of shipments	\$1,000.. 220 933
Total miscellaneous receipts	\$1,000.. 223 871
Value of resales	\$1,000.. 201 555
Contract receipts	\$1,000.. D
Other miscellaneous receipts	\$1,000.. D
Primary products specialization ratio	percent.. 97
Value of primary products shipments made in all industries	\$1,000.. 6 952 269
Value of primary products shipments made in this industry	\$1,000.. 6 514 080
Value of primary products shipments made in other industries	\$1,000.. 438 189
Coverage ratio	percent.. 94
Value added	\$1,000.. 2 664 412
Total inventories, beginning of year	\$1,000.. 650 182
Finished goods inventories	\$1,000.. 254 214
Work-in-process inventories	\$1,000.. 71 565
Materials and supplies inventories	\$1,000.. 324 403
Total inventories, end of year	\$1,000.. 581 436
Finished goods inventories	\$1,000.. 229 534
Work-in-process inventories	\$1,000.. 62 066
Materials and supplies inventories	\$1,000.. 289 836
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 1 072 158
Total capital expenditures (new and used)	\$1,000.. '195 035
Buildings and other structures (new and used)	\$1,000.. '48 556
Machinery and equipment (new and used)	\$1,000.. '146 479
Automobiles, trucks, etc., for highway use	\$1,000.. '3 118
Computers and peripheral data processing equipment	\$1,000.. '8 947
All other expenditures for machinery and equipment	\$1,000.. '134 414
Total retirements	\$1,000.. '62 866
Gross value of depreciable assets at end of year	\$1,000.. '1 204 327
Depreciation charges during year	\$1,000.. '112 329
Total rental payments	\$1,000.. 31 700
Buildings and other structures	\$1,000.. 18 487
Machinery and equipment	\$1,000.. 13 213
Total other expenses ⁴	\$1,000.. 213 038
Response coverage ratio ⁵	percent.. 85
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 18 475
Communications services ⁴	\$1,000.. 4 102
Legal services ⁴	\$1,000.. 9 417
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 1 931
Advertising and promotional services ⁴	\$1,000.. 28 565
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 4 448
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 3 160
Management consulting and administrative services ⁴	\$1,000.. 8 058
Taxes and license fees ⁴	\$1,000.. 9 580
All other expenses ⁴	\$1,000.. 125 302

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on 2002 Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
336999, All other transportation equipment manufacturing											
All establishments	—	431	19 888	625 522	14 636	27 545	391 857	2 664 412	4 260 293	6 958 884	'195 035
Establishments with—											
1 to 4 employees	9	222	461	13 786	337	564	8 027	22 585	47 169	69 672	'1 409
5 to 9 employees	8	62	405	13 090	311	590	7 886	23 611	54 691	79 302	'1 361
10 to 19 employees	6	56	771	26 017	583	1 104	15 226	48 741	93 686	142 441	'3 265
20 to 49 employees	2	31	979	31 572	767	1 461	21 891	67 498	81 430	146 093	'2 364
50 to 99 employees	—	21	1 484	44 468	1 128	2 162	27 462	70 664	171 486	250 302	'31 126
100 to 249 employees	—	24	3 550	111 656	2 410	4 872	56 422	262 877	330 894	624 727	'21 159
250 to 499 employees	—	6	g	D	D	D	D	D	D	D	D
500 to 999 employees	—	4	h	D	D	D	D	D	D	D	D
1,000 to 2,499 employees	—	5	7 043	195 436	5 340	9 435	148 099	1 325 598	2 418 265	3 720 522	'71 238
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	277	1 188	37 148	910	1 643	22 080	64 958	140 309	204 472	'3 967

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
336999	All other transportation equipment manufacturing	431	19 888	625 522	14 636	27 545	391 857	2 664 412	4 260 293	6 958 884	'195 035
3369991	Self-propelled golf carts and industrial in-plant personnel carriers (including parts)	17	3 343	120 401	1 804	3 483	62 569	401 394	526 762	950 517	'12 510
3369995	All other miscellaneous transportation equipment, including all-terrain vehicles	117	15 266	464 897	11 862	22 327	305 599	2 190 636	3 584 600	5 785 580	'178 353

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
336999	All other transportation equipment manufacturing	2002.. N 1997.. N	X X	X X	6 952 269 4 100 375
3369991	Self-propelled golf carts and industrial in-plant personnel carriers (including parts)	2002.. N 1997.. N	X X	X X	968 608 798 551
33699911	Self-propelled golf carts and industrial in-plant personnel carriers (including parts)	2002.. N 1997.. N	X X	X X	968 608 756 110
3369991101	Self-propelled golf carts (electric and gasoline) for carrying passengers and industrial in-plant personnel carriers	2002.. 14 1997.. 9	X X	X X	727 184 636 275
3369991104	Parts for self-propelled golf carts and industrial in-plant personnel carriers	2002.. 12 1997.. 6	X X	X X	241 424 119 835
3369991Y	Self-propelled golf carts and industrial in-plant personnel carriers (including parts), nsk	2002.. N 1997.. N	X X	X X	— 42 441
3369991YVV	Self-propelled golf carts and industrial in-plant personnel carriers (including parts), nsk	2002.. N 1997.. N	X X	X X	— 42 441
3369995	All other miscellaneous transportation equipment, including all-terrain vehicles	2002.. N 1997.. N	X X	X X	5 728 443 N
33699951	All-terrain vehicles, gasoline and electric, for transport of people or goods, designed to traverse all types of terrain	2002.. N 1997.. N	X X	X X	3 434 631 N
3369995101	All-terrain vehicles, gasoline and electric, for transport of people or goods, designed to traverse all types of terrain	2002.. 28 1997.. N	X X	X X	3 434 631 N
33699952	Parts for all-terrain vehicles	2002.. N 1997.. N	X X	X X	467 498 N
3369995204	Parts for all-terrain vehicles	2002.. 27 1997.. N	X X	X X	467 498 N
33699954	Other miscellaneous transportation equipment (including snowmobiles and personal watercraft)	2002.. N 1997.. N	X X	X X	1 493 404 N
3369995414	Snowmobiles	2002.. 11 1997.. N	X X	X X	D N
3369995417	Personal watercraft	2002.. 9 1997.. N	X X	X X	287 894 N
3369995421	Other miscellaneous transportation equipment	2002.. 51 1997.. N	X X	X X	D N
33699955	Parts for automobile and light truck trailers and other transportation equipment	2002.. N 1997.. N	X X	X X	327 099 N
3369995513	Parts for automobile and light truck trailers and other transportation equipment	2002.. 41 1997.. N	X X	X X	327 099 N
3369995Y	All other miscellaneous transportation equipment, including all-terrain vehicles, nsk	2002.. N 1997.. N	X X	X X	5 811 N
3369995YVV	All other miscellaneous transportation equipment, including all-terrain vehicles, nsk	2002.. N 1997.. N	X X	X X	5 811 N
336999W	All other transportation equipment manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	255 218 225 747
336999WY	All other transportation equipment manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	255 218 225 747
336999WYWW	All other transportation equipment manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	74 468 186 430
336999WYWY	All other transportation equipment manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	180 750 39 317

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. **Product Class Shipments for Selected States: 2002 and 1997**

[Not applicable for this report.]

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
336999	All other transportation equipment manufacturing		
00900001	Total materials .....2002..	X	4 052 984
	.....1997..	X	2 623 534
33600003	Other metal vehicular parts (axles, wheels, brakes, undercarriages, etc.) .....2002..	X	272 125
	.....1997..	X	199 528
33361801	Gasoline internal combustion engines .....2002..	X	660 543
	.....1997..	X	592 957
32621003	Pneumatic tires and inner tubes .....2002..	X	52 783
	.....1997..	X	47 970
32610013	Plastics products consumed in the form of sheets, rods, tubes, film, and other shapes .....2002..	X	264 740
	.....1997..	X	207 712
32551002	Paints, varnishes, stains, lacquers, shellacs, japans, enamels, and allied product .....2002..	X	27 835
	.....1997..	X	N
33200057	Fabricated metal products (excluding forgings) .....2002..	X	285 936
	.....1997..	X	N
33210000	Forgings .....2002..	X	47 527
	.....1997..	X	N
33100035	Castings, rough and semifinished .....2002..	X	73 575
	.....1997..	X	56 456
33120007	Steel bars, bar shapes, and plate (excluding castings, forgings, and fabricated metal products) .....2002..	X	57 386
	.....1997..	X	51 925
33120016	Steel sheet and strip (including tinplate) .....2002..	X	D
	.....1997..	X	N
33120019	Steel structural shapes and sheet piling (excluding castings, forgings, and fabricated metal products) .....2002..	X	D
	.....1997..	X	86 293
33120091	All other steel shapes and forms (excluding castings, forgings, fabricated metal products, bars, bar shapes, plate, sheet, strip, structural shapes, and sheet piling) .....2002..	X	24 636
	.....1997..	X	30 948
33100038	Aluminum and aluminum-base alloy shapes and forms (excluding castings, forgings, and fabricated metal products) .....2002..	X	28 008
	.....1997..	X	N
33100077	Other nonferrous shapes and forms (excluding castings, forgings, and fabricated metal products) .....2002..	X	7 126
	.....1997..	X	6 773
00970099	All other materials and components, parts, containers, and supplies .....2002..	X	1 703 748
	.....1997..	X	1 080 582
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	430 410
	.....1997..	X	262 390

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.